

SYSTEM AND METHOD FOR DYNAMIC ADAPTIVE DECODING
OF SCALABLE VIDEO TO BALANCE CPU LOAD

ABSTRACT OF THE DISCLOSURE

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There is disclosed an apparatus for controlling the processing load of a scalable video decoder that decodes an incoming scalable video bit stream and generates a baseband video signal. The apparatus comprises: 1) an analyzer circuit for measuring at least one characteristic of the incoming scalable video bit stream and generating at least one video parameter associated with the at least one characteristic; and 2) a processor load controller for receiving the at least one video parameter and, in response thereto, controlling a level of decoding of the incoming scalable video bit stream performed by the scalable video decoder.